Pre-Workshop Comments

- **Shum, K.T. (2006). *Issues Affecting the Predictive Ability of One-Dimensional Data Hydrodynamic and Water Quality Models*, October 2 Draft**
  - **Upstream boundary**
  - **DCC flow estimates**
  - **Banks pumping hourly input**
  - **Many others…**

Pre-Workshop Comments

- **Define calibration objectives**
  - **Weighting schemes driven by Delta management objectives**
  - **Accuracy targets**
- **Establish a standing committee of agency and stakeholder staff to acquire, review, develop, peer review, store and disseminate calibration/validation data**

Pre-Workshop Comments (cont'd)

- Utilize additional constituents in QUAL calibration/validation, e.g. PSU, TDS, chloride, sulfate
- Update configuration of agricultural nodes
- Calibrate DICU to known salinity-outflow relationships in Suisun Bay and confluence
- Review modeling uncertainties (algorithms and input data) and estimate resulting magnitude of uncertainty in modeling results
- Submit paper(s) for peer-reviewed publication

Pre-Workshop Comments

- **Establish a series of validation tests**
  - **Preserve known flow splits**
  - **Preserve known inter-station relationships, e.g. lag between Jersey Point EC and Rock Slough chloride**
  - **Preserve known intra-station constituent relationships, e.g. Rock Slough chloride-to-EC**
  - **Check salinity response at Jersey Point, Holland Tract, and Emmaton to DCC operation**
  - **Check salinity response in the vicinity of Franks Tract**